

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Sheet 1 of 2

Application Number	10/772,124
Filing Date	February 4, 2004
First Named Inventor	Fahnestock et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	CL2175 US NA

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
MP		6,013,250		L'Oreal S.A.	01/11/2000
MP		6,139,851		Shiseido Company, Ltd	10/31/2000
MP		4,416,873		Charles of the Ritz Group Ltd.	11/22/1983
MP		4,482,537		Charles of the Ritz Group Ltd.	11/13/1984
MP		5,728,810		Lewis et al.	03/17/1998
MP		5,989,894		University of Wyoming	11/23/1999
MP		5,733,771		University of Wyoming	03/31/1998
MP		5,756,877		Lewis et al.	05/26/1998
MP		5,994,099		University of Wyoming	11/30/1999
MP		6,268,169		DuPont	07/31/2001
MP		10/704,337		Fahnestock et al.	Filed 11/07/2003
MP		5,504,228		Laboratoires Phytocos	04/02/1996
MP		5,747,015		Kao Corp.	05/05/1998
MP		6,280,747	B1	L'Oreal	08/28/2001
MP		2004 013 2478	A1	Fahnestock et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials *	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
MP		JP	02311412		Ichimaru Pharcos Co. Ltd.	12/27/1989	Translation
		EP	0230702	A1	P.A. Consulting Services LTD	08/05/1987	
		WO	03/020916	A2	University of Wyoming	03/13/2003	
		DE	10113781	A1			Translation
		JP	309816		Kuroda et al.		Translation
		JP	08027186		Tereda et al.		Translation
		JP	63092671		Kanebo Ltd.	04/23/1988	Translation
		JP	2574732	B2	Kanebo Ltd.	01/22/1997	Translation
		JP	07067687		Yamaguchi Kaken K.K.	03/14/1995	Translation
MP		DE	3139438	A1			Translation

Examiner Signature		Date Considered	9/17/04
-----------------------	--	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

2

Complete if Known

Application Number	10/772,124
Filing Date	February 4, 2004
First Named Inventor	Fahnestock et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	CL2175 US NA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>APW</i>		Winkler et al., Designing recombinant spider silk proteins to control assembly, Int. J. Biol. Macromol. Vol. 24: pp. 265-270, 1999	
<i>APW</i>		Arcidiacono et al., Purification and characterization of recombinant spider silk expressed in Escherichia coli, Appl. Microbiol. Biotechnol. Vol. 49: pp. 31-38	
<i>APW</i>		Foelix, R. F., Spider Webs, Biology of Spiders, pp. 109-121, Harvard University Press Cambridge, MA 1992	
<i>APW</i>		Ohshima et al., Cloning of the silk fibroin gene and its flanking sequences, Proc. Natl. Acad. Sci. USA, Vol. 74: pp. 5363-5367, 1977	
<i>APW</i>		Xu et al., Structure of a protein superfiber: Spider dragline silk, Proc. Natl. Acad. Sci. U.S.A., Vol. 87: pp. 7120-7124, 1990	
<i>APW</i>		Hinman and Lewis <i>et al.</i> , Isolation of a Clone Encoding a Second Dragline Silk Fibroin, J. Biol. Chem., Vol. 267: pp. 19320-19324, 1992	
<i>APW</i>		Arcidiacono et al., Aqueous Processing and Fiber Spinning of Recombinant Spider Silks, Macromolecules, Vol. 35: pp. 1262-1266, 2002	
<i>APW</i>		Fahnestock, Microbial Production of Spider Silk Proteins, Rev. Mol. Biotechnol. 74: pp. 105-119, 2000	
<i>APW</i>		Lazaris et al., Spider Silk Fibers Spun from Soluble Recombinant Silk Produced in Mammalian Cells, Science Vol. 295: pp. 472-476, 2002	

Examiner
Signature

[Signature]

Date
Considered

9/17/04

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.